

FIGURE 1A.

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5 ATGTCACTGA AAAACGAGCC ACGGGTAAAT ACCTCTGCAC TGCAGAAAAT TGCTGCTGAC ATGAGTAATA 70
TCATAGAAAA TCTGGACACG CGGGAACCTCC ACTTTGAGGG AGAGGAGGTA GACTACGACG TGTCTCCAG 140
CGATCCCAAG ATACAAGAAG TGTATATCCC TTTCTCTGCT ATTTATAACA CTCAAGGATT TAAGGAGCCT 210
10 AATATACAGA CGTATCTCTC CGGCTGTCCA ATAAAAGCAC AAGTTCTGGA AGTGGAACGC TTCACATCTA 280
CAACAAGGGT ACCAAGTATT AATCTTTACA CTATTGAATT AACACATGGG GAATTTAAAT GGCAAGTTAA 350
15 GAGGAAATTC AAGCATTTTC AAGAATTTCA CAGAGAGCTG CTCAAGTACA AAGCCTTTAT CCGCATCCCC 420
ATTCCCACTA GAAGACACAC GTTTAGGAGG CAAAACGTCA GAGAGGAGCC TCGAGAGATG CCCAGTTTGC 490
CCCGTTCATC TGAAAACATG ATAAGAGAAG AACAATTCCT TGGTAGAAGA AAACAACCTGG AAGATTACTT 560
20 GACAAAGATA CTA AAAAATGC CCATGTATAG AAATATCAT GCCACAACAG AGTTTCTTGA TATAAGCCAG 630
CTGTCTTTCA TCCATGATTT GGGACCAAAG GGCATAGAAG GTATGATAAT GAAAAGATCT GGAGGACACA 700
GAATACCAGG CTGGAATTGC TGTGGTCAGG GAAGAGCCTG CTACAGATGG TCAAAAAGAT GGTTAATAGT 770
25 GAAAGATTCC TTTTATTGT ATATGAAACC AGACAGCGGT GCCATTGCCT TCGTCTGCT GGTAGACAAA 840
GAATTCAAAA TTAAGGTGGG GAAGAAGGAG ACAGAAACGA AATATGGAAT CCGAATTGAT AATCTTTCAA 910
30 GGACACTTAT TTTAAATGC AACAGCTATA GACATGCTCG GTGGTGGGGA GGGGCTATAG AAGAATTCAT 980
CCAGAAACAT GGCACCAACT TTCTCAAAGA TCATCGATTT GGGTCATATG CTGCTATCCA AGAGAATGCT 1050
TTAGCTAAAT GGTATGTTAA TGCCAAAGGA TATTTTGAAG ATGTGGCAA TGCAATGGAA GAGGCAAATG 1120
35 AAGAGATTTT TATCACAGAC TGGTGGCTGA GTCCAGAAAT CTTCCTGAAA CGCCCAGTGG TTGAGGGAAA 1190
TCGTGGAGG TTGGACTGCA TTCTTAAACG AAAAGCACAA CAAGGAGTGA GGATCTTCAT AATGCTCTAC 1260
40 AAAGAGGTGG AACTCGCTCT TGGCATCAAT AGTGAATACA CCAAGAGGAC TTTGATGCGT CTACATCCCA 1330
ACATAAAGGT GATGAGACAC CCGGATCATG TGTATCCAC CGTCTATTTG TGGGCTCACC ATGAGAAGCT 1400
TGTCATCATT GACCAATCGG TGGCCTTTGT GGGAGGGATT GACCTGGCCT ATGGAAGGTG GGACGACAAT 1470
45 GAGCACAGAC TCACAGACGT GGGCAGTGTG AAGCGGTCA CTTCAGGACC GTCTCTGGGT TCCCTCCAC 1540
CTGCCGCAAT GGAGTCTATG GAATCCTTAA GACTCAAAGA TAAAAATGAG CCTGTTCAA ACCTACCCAT 1610
50 CCAGAAGAGT ATTGATGATG TGGATTCAA ACTGAAAGGA ATAGGAAAGC CAAGAAAGTT CTCCAAATTT 1680
AGTCTCTACA AGCAGCTCCA CAGGCACCAC CTGCACGACG CAGATAGCAT CAGCAGCATT GACAGCACCT 1750
55 CCAGTTATTT TAATCACTAT AGAAGTCATC ACAATTTAAT CCATGGTTTA AAACCCCACT TCAAACCTCT 1820
TCACCCGTCC AGTGAGTCTG AGCAAGGACT CACTAGACCT CATGCTGATA CCGGGTCCAT CCGTAGTTTA 1890
CAGACAGGTG TGGGAGAGCT GCATGGGGAA ACCAGATTCT GGCATGGAAA GGACTACTGC AATTTCGTCT 1960
60 TCAAAGACTG GGTTCACCTT GATAAACCTT TTGCTGATTT CATTGACAGG TACTCCACGC CCCGGATGCC 2030
CTGGCATGAC ATTGCCTCTG CAGTCCACGG GAAGGCGGCT CGTGATGTGG CACGTCACCT CATCCAGCGC 2100
TGGAACCTCA CAAAAATTAT GAAATCAAAA TATCGTCCC TTCTTATCC TTTCTGCTT CCAAAGTCTC 2170
65 AAACAACAGC CCATGAGTTG AGATATCAAG TGCCTGGGTC TGTCCATGCT AACGTACAGT TGCTCCGCTC 2240
TGCTGCTGAT TGGTCTGCTG GTATAAAGTA CCATGAAGAG TCCATCCACG CCGCTTACGT CCATGTGATA 2310
70 GAGAACAGCA GGCATATAT CTATATCGAA AACCAGTTTT TCATAAGCTG TGCTGATGAC AAGTTGTGT 2380

FIGURE 1B.

5 TCAACAAGAT AGGCGATGCC ATTGCCCAGA GGATCCTGAA AGCTCACAGG GAAAACCAGA AATACCGGGT 2450
ATATGTCGTG ATACCACTTC TGCCAGGGTT CGAAGGAGAC ATTTCAACCG GCGGAGGAAA TGCTCTACAG 2520
GCAATCATGC ACTTCAACTA CAGAACCATG TGCAGAGGAG AAAATTCCAT CCTTGGACAG TTAAAAGCAG 2590
10 AGCTTGGTAA TCAGTGGATA AATTACATAT CATTCTGTGG TCTTAGAACA CATGCAGAGC TCGAAGGAAA 2660
CCTAGTAACT GAGCTTATCT ATGTCCACAG CAAGTTGTTA ATTGCTGATG ATAACACTGT TATTATTGGC 2730
15 TCTGCCAACA TAAATGACCG CAGCATGCTG GGAAAGCGTG ACAGTGAAAT GGCTGTCATT GTGCAAGATA 2800
CAGAGACTGT TCCTTCAGTA ATGGATGGAA AAGAGTACCA AGCTGGCCGG TTTGCCCGAG GACTTCGGCT 2870
ACAGTGCTTT AGGGTTGTCC TTGGCTATCT TGATGACCCA AGTGAGGACA TTCAGGATCC AGTGAGTGAC 2940
20 AAATCTTCA AGGAGGTGTG GGTTTCAACA GCAGCTCGAA ATGCTACAAT TTATGACAAG GTTTTCCGGT 3010
GCCCTCCCAA TGATGAAGTA CACAATTAA TTCAGCTGAG AGACTTTATA AACAAAGCCG TATTAGCTAA 3080
GGAAGATCCC ATTCGAGCTG AGGAGGAACT GAAGAAGATC CGTGGATTTT TGGTGCAATT CCCCTTTTAT 3150
25 TTCTTGCTG AAGAAAGCCT ACTGCCTTCT GTTGGGACCA AAGAGGCCAT AGTGCCCATG GAGGTTTGA 3220
CTTAA 3225
30

FIGURE 2.

5 MSLKNEPRVN TSALQKIAAD MSNIIENLDT RELHFEGEEV DYDVSPSPDK IQEVYIPFSA IYNTQGFKEP 70
NIQTYLSGCP IKAQVLEVER FTSTTRVPSI NLYTIELTHG EFKWQVKRKF KHFQEFHREL LKYKAFIRIP 140
10 IPTRRHTFRR QNVREEPREM PSLPRSSENM IREEQFLGRR KQLEDYLTKE LKMPMYRNYH ATTEFLDISQ 210
LSFIHDLGPK GIEGMIMKRS GGHRIPLGNC CGQGRACYRW SKRWLIVKDS FLLYMKPD SG AIAFVLLV DK 280
EFKIKVGKKE TETKYGIRID NLSRTLILKC NSYRHRWWG GAIEEFIQKH GTNFLKDH RF GSAAIQENA 350
15 LAKWYVNAKG YFEDVANAME EANEEIFITD WWLSPEIFLK RPVVEG NRWR LDCILKRKAQ QGVRIFIMLY 420
KEVELALGIN SEYTKRTL MR LHPNIKVMRH PDHVSSTVYL WAHHEKLVII DQSVAFVGGI DLAYGRWDDN 490
20 EHRLTDVGSV KRVTSGPSLG SLPPAAMESM ESLRLKDKNE PVQNLPIQKS IDDVDSKLKG IGKPRKFSKF 560
SLYKQLHRHH LHDADSISSI DSTSSYFNHY RSHHNLHGL KPHFKLFHPS SESEQGLTRP HADTGSIRSL 630
QTGVGELHGE TRFWHGKDYC NFVFKDWVQL DKPFADFIDR YSTPRMPWHD IASAVHGKAA RDVARHFIQR 700
25 WNFTKIMKSK YRSLSY PFL PKSQTTAHEL RYQVPGSVHA NVQLLRSAAD WSAGIKYHEE SIHAAYVHVI 770
ENSRHYIYIE NQFFISCADD KVVFNKIGDA IAQRILKAHR ENQKYRVYVV IPLLPGFEGD ISTGGGNALQ 840
30 AIMHFN YRTM CRGENSILGQ LKAELGNQWI NYISFCGLRT HABLEGNLVT ELIYVH SKLL IADDNTVIIG 910
SANINDR SML KGRDSEMAVI VQDTETVPSV MDGKEYQAGR FARGRLQCF RVVLGYLDDP SEDIQDPVSD 980
KFFKEVWVST AARNATIYDK VFRCLPNDEV HNLIQLRDFI NKPVLAKEDP IRAEEELKKI RGFLVQFPFY 1050
35 FLSEESLLPS VGTKEAIVPM EVWT 1074

FIGURE 3A.

ATGACGGCGA CCCCTGAGAG CCTCTTCCCC ACTGGGGACG AACTGGACTC CAGCCAGCTC CAGATGGAGT 70
5 CCGATGAGGT GGACACCCCTG AAGGAGGGAG AGGACCCAGC CGACCGGATG CACCCGTTTC TGGCCATCTA 140
TGAGCTTCAG TCTCTGAAAG TGCACCCCTT GGTGTTTCGA CCTGGGGTCC CTGTCACAGC CCAGGTGGTG 210
10 GGCACCGAAA GATATACCAG CGGATCCAAG GTGGGAACCT GCACTCTGTA TTCTGTCCGC TTGACTCACG 280
GCGACTTTTC CTGGACAACC AAGAAGAAAT ACCGTCATTT TCAGGAGCTG CATCGGGACC TCCTGAGACA 350
CAAAGTCTTG ATGAGTCTGC TCCCTCTGGC TCGATTGGC GTTGCTTATT CTCCAGCCCG AGATGCAGGC 420
15 AACAGAGAGA TGCCCTCTCT ACCCCGGGCA GGTCTGAGG GCTCCACCAG ACATGCAGCC AGCAAACAGA 490
AATACCTGGA GAATTACCTC AACTGTCTCT TGACCATGTC TTTCTATCGC AACTACCATG CCATGACAGA 560
GTTCTGGAA GTCAGTCAGC TGTCTTTAT CCCGGACTTG GCGCGCAAAG GACTGGAGGG GATGATCCGG 630
20 AAGCGCTCAG GTGGCCACCG TGTCTCTGGC CTCACCTGCT GTGGCCGAGA CCAAGTTTGT TATCGCTGGT 700
CCAAGAGGTG GCTGGTGGTG AAGGACTCCT TCCTGCTGTA CATGTGCCTC GAGACAGGTG CCATCTCATT 770
25 TGTTGAGCTC TTTGACCCCTG GCTTTGAGGT GCAAGTGGGG AAAAGGAGCA CGGAGGCACG GCACGGCGTG 840
CGGATCGATA CCTCCACAG GTCCTTGATT CTCAAGTGCA GCAGCTACCG GCAGGCACGG TGGTGGGCCC 910
AAGAGATCAC TGAGCTGGCA CAGGGCCAG GCAGAGACTT CCTACAGCTG CACCGGCATG ACAGCTACGC 980
30 CCCACCCCGG CCTGGGACCT TGGCCCGGTG GTTGTGAAT GGGGCAGGTT ACTTTGCTGC TGTGGCAGAT 1050
GCCATCCTTC GAGCTCAAGA GGAGATTTTC ATCACAGACT GGTGGTTGAG TCCTGAGGTT TACCTGAAGC 1120
35 GTCCGGCCCA TTCAGATGAC TGGAGACTGG ACATTATGCT CAAGAGGAAG GCGGAGGAAG GTGTCCGTGT 1190
GTCTATTCTG CTGTTTAAAG AAGTGGAAAT GGCCTTGGGC ATCAACAGTG GCTATAGCAA GAGGGCGCTG 1260
ATGTGCTGC ACCCAACAT AAAGGTGATG CGTCAACCAG ACCAAGTGAC GTTGTGGGCC CATCATGAGA 1330
40 AGCTCCTGGT GGTGGACCAA GTGGTAGCAT TCCTGGGGGG ACTGGACCTT GCCTATGGCC GCTGGGATGA 1400
CCTGCACTAC CGACTGACTG ACCTTGGAGA CTCCTCTGAA TCAGCTGCCT CCCAGCCTCC CACCCCGCGC 1470
45 CCAGACTCAC CAGCCACCCC AGACCTCTCT CACAACCAAT TCTTCTGGCT GGGCAAGGAC TACAGCAATC 1540
TTATACCAA GGA CTGGGTG CAGCTGGACC GGCCTTTCGA AGATTTTATT GACAGGGAGA CGACCCCTCG 1610
GATGCCATGG CGGGACGTTG GGGTGGTCGT CCATGGCCTA CCGGCCCGGG ACCTTGCCCG GCACTTCATC 1680
50 CAGCGCTGGA ACTTCACCAA GACCACCAAG GCCAAGTACA AGACTCCCAT ATACCCCTAC CTGCTTCCCA 1750
AGTCTACCAG CACGGCCAAT CAGCTCCCCT TCACACTTCC AGGAGGGCAG TGCACCACCG TACAGGTCTT 1820
55 GCGATCAGTG GACCGCTGGT CAGCAGGGAC TCTGGAGAAC TCCATCCTCA ATGCCTACCT GCACACCATC 1890
AGGGAGAGCC AGCACTTCCT CTACATTGAG AATCAGTTCT TCATTAGCTG CTCAGATGGG CGGACGGTTC 1960
TGAACAAGGT GGGCGATGAG ATTGTGGACA GAATCCTGAA GGCCCAAAA CAGGGGTGGT GTTACCGAGT 2030
60 CTACGTGCTT TTGCCCTTAC TCCCTGGCTT CGAGGGTGAC ATCTCCACGG GCGGTGGCAA CTCATCCAG 2100
GCCATTCTGC ACTTTACTTA CAGGACCCCTG TGTGTTGGG AGTATTCAAT CCTGCATCGC CTTAAAGCAG 2170
65 CCATGGGGAC AGCATGGCGG GACTATATTT CCATCTGCGG GCTTCGTACA CACGGAGAGC TGGGCGGGCA 2240
CCCCGTCTCG GAGCTCATCT ACATCCACAG CAAGGTGCTC ATCGCAGATG ACCGGACAGT CATCATTTGGT 2310
TCTGCAACA TCAATGACCG GAGCTTGCTG GGAAGCGGG ACAGTGAGCT GGGCGTGCTG ATCGAGGACA 2380
70 CAGAGACGGA ACCATCCCTC ATGAATGGGG CAGAGTATCA GCGGGCAGG TTTGCCTGA GTCTGCGGAA 2450
GCACTGCTTC GGTGTGATTC TTGGAGCAAA TACCCGGCCA GACTTGGATC TCCGAGACCC CATCTGTGAT 2520

FIGURE 3B.

5 GACTTCTTCC AGTTGTGGCA AGACATGGCT GAGAGCAACG CCAATATCTA TGAGCAGATC TTCCGCTGCC 2590
TGCCATCCAA TGCCACGCGT TCCCTGCGGA CTCTCCGGGA GTACGTGGCC GTGGAGCCCT TGGCCACGGT 2660
CAGTCCCCC TTGGCTCGGT CTGAGCTCAC CCAGGTCCAG GGCCACCTGG TCCACTTCCC CCTCAAGTTC 2730
10 CTAGAGGATG AGTCTTTGCT GCCCCCGCTG GGTAACAAGG AGGGCATGAT CCCCCTAGAA GTGTGGACAT 2800
AG 2802

15

FIGURE 4.

5 MTATPESLFP TGDELDSSQL QMESDEVDTL KEGEDPADRM HPFLAIYELQ SLKVHPLVFA PGVPVTAQVV 70
GTERYTSISK VGTCTLYSVR LTHGDFSWTT KKKYRHFQEL HRDLLRHKVL MSLLPLARFA VAYSPARDAG 140
NREMPSPRA GPEGSTRHAA SKQYLENYL NCLLTMSFYR NYHAMTEFLE VSQSFIPDL GRKGLEGMR 210
10 KRSGGHRVPG LTCCGRDQVC YRWSKRWLTV KDSFLLYMCL ETGAISFVQL FDPGFVQVG KRSTEARHGV 280
RIDTSHRSLI LKCSSYRQAR WWAQEITELA QGPGRDFLQL HRHDSYAPPR PGTLARWVFN GAGYFAAVAD 350
15 AILRAQEEIF ITDWWLSPEV YLKRPAHSDD WRDLMLKRLK AEEGVRVSIL LFKEVELALG INSGYSKRAL 420
MLLHPNIKVM RHPDQVTLWA HHEKLLVVDQ VVAFLGGDL AYGRWDDLHY RLTDLGDSE SAASQPPTPR 490
PDSPATPDLN HNQFFWLKGD YSNLITKDWV QLDRPFEDFI DRETTPRMPW RDVGVVVHGL PARDLARHFI 560
20 QRWNFTKTK AKYKTIYPY LLPKSTSTAN QLPFTLPGGQ CTTVQVLRV DRWSAGTLEN SILNAYLHTI 630
RESQHFLYIE NQFFISCSDG RTVLNKGDE IVDRIKAKH QGWCVRVYVL LPLLPGFEGD ISTGGGNSIQ 700
25 AILHFTYRTL CRGEYSILHR LKAAMGTAWR DYISICGLRT HGELGGHPVS ELIYIHSKVL IADDRTVIIG 770
SANINDRSLI GKRDSELAFL IEDTETEPSL MNGAEYQAGR FALSRLKHCF GVILGANTRP DDLRDPICD 840
DFFQLWQDMA ESNANIYEI FRCLPSNATR SLRTLREYVA VEPLATVSPP LARSELTVQV GHLVHFPLKF 910
30 LEDESLLPPL GSKEGMIPLE VWT 933

FIGURE 5.

ATGAAGCCTA AACTGATGTA CCAGGAGCTG AAGGTGCCTG CAGAGGAGCC CGCCAATGAG CTGCCCATGA 70
5 ATGAGATTGA GCGTGGAAG GCTGCGGAAA AGAAAGCCCG CTGGGTCCTG CTGGTCCTCA TTCTGGCGGT 140
TGTGGGCTTC GGAGCCCTGA TGA CTGAGCT GTTTCTATGG GAATACGGCG ACTTG CATCT CTTTGGGCCC 210
AACCAGCGCC CAGCCCCCTG CTATGACCCT TGC GAAGCAG TGCTGGTGA AAGCATTCTT GAGGCGCTGG 280
10 ACTTCCCAA TGCCTCCACG GGGAAACCCTT CCACCAGCCA GGCTGGCTG GGCCTGCTCG CCGGTGCGCA 350
CAGCAGCCTG GACATCGCCT CCTTCTACTG GACCCTCACC AACAATGACA CCCACACGCA GGAGCCCTCT 420
GCCCAGCAGG GTGAGGAGGT CCTCCGGCAG CTGCAGACCC TGGCACCAAA GGGCGTGAAC GTCCGCATCG 490
15 CTGTGAGCAA GCCCAGCGGG CCCCAGCCAC AGGCGGACCT GCAGGCTCTG CTGCAGAGCG GTGCCCAGGT 560
CCGCATGGTG GACATGCAGA AGCTGACCCA TGGCGTCTCG CATACCAAGT TCTGGGTGGT GGACCAGACC 630
20 CACTTCTACC TGGGCAGTGC CAACATGGAC TGGCGTTTAC TGACCCAGGT CAAGGAGCTG GGCCTGGTCA 700
TGTACAACTG CAGCTGCCTG GCTCGAGACC TGACCAAGAT CTTTGAGGCC TACTGGTTCC TGGGCCAGGC 770
AGGCAGCTCC ATCCCATCAA CTTGGCCCCG GTTCTATGAC ACCCGCTACA ACCAAGAGAC ACCAATGGAG 840
25 ATCTGCCTCA ATGGAACCCC TGCTCTGGCC TACCTGGCGA GTGCGCCCCC ACCCCTGTGT CCAAGTGGCC 910
GCACTCCAGA CCTGAAGGCT CTA CTCAACG TGGTGGACAA TGCCCGGAGT TTCATCTACG TCGCTGT CAT 980
30 GAACTACCTG CCCACTCTGG AGTTCTCCCA CCCTCACAGG TTCTGGCCTG CCATTGACGA TGGGCTGCGG 1050
CGGGCCACCT ACGAGCGTGG CGTCAAGGTG CGCCTGCTCA TCAGCTGCTG GGGACACTCG GAGCCATCCA 1120
TGCGGGCCTT CCTGCTCTCT CTGGCTGCCC TGC GTGACAA CCATACCCAC TCTGACATCC AGGTGAAACT 1190
35 CTTTGTGGTC CCCGCGGATG AGGCCAGGC TCGAATCCCA TATGCCCCTG TCAACCACAA CAAGTACATG 1260
GTGACTGAAC GCGCCACCTA CATCGGAACC TCCA ACTGGT CTGGCAACTA CTTACGAG ACGGCGGGCA 1330
40 CCTCGCTGCT GGTGACGCAG AATGGGAGGG GCGGCTGCG GAGCCAGCTG GAGGCCATTT TCCTGAGGGA 1400
CTGGGACTCC CCTTACAGCC ATGACCTTGA CACCTCAGCT GACAGCGTGG GCAACGCCTG CCGCCTGCTC 1470
45 TGA 1473
50
55
60

FIGURE 6.

5 MKPKLMYQEL KVPAAEEPANE LPMNEIEAWK AAEKKARWVL LVLILAVVGF GALMTQLFLW 60
EYGDHLHFGP NQRPA PCYDP CEAVLVESIP EGLDFPNAST GNPSTSQAWL GLLAGAHSSL 120
DIASFYWTLT NNDTHTQEPS AQQGEEVLRQ LQTLAPKGVN VRIAVSKPSG PQPQADLQAL 180
LQSGAQVRMV DMQKLTHGVL HTKFWVVDQT HFYLG SANMD WRSLTQVKEL GVVMYNC SCL 240
ARDLTKIFEA YWFLGQAGSS IPSTWPRFYD TRYNQETPME ICLNGTPALA YLASAPPPLC 300
PSGRTPDLKA LLNVVDNARS FIYVAVMNYL PTLEFSHPHR FWPAIDDGLR RATYERGVKV 360
10 RLLISCWGHS EPSMRAFLS LAALRDNHTH SDIQVKLFVV PADEAQARIP YARVNH NKYM 420
VTERATYIGT SNWSGNYFTE TAGTSLLV TQ NGRGGLRSQ L EAIFLRDWDS PYSHDLDTSA 480
DSVGNACRLL 490

FIGURE 7.

ATGAAGCCTA AACTGATGTA CCAGGAGCTG AAGGTTCTCTG TTGAGGAACC TCGGGGAGAA CTGCCCATGA 70
5 ATGAAATCGA GGCATGGAAG GCAGCAGAGA AGAAAGCCCG TTGGGTCCTC CTTGTCCTTA TCCTGGCGGT 140
AGTGGGCTTC GGTGCCCTGA TGA CTGAGCT GTTCTATGG GAATACGGGG ACTTACATCT ATTTGGCCCG 210
AATCAGCACC CAGCCCCCTG CTATGACCCC TCGAGGCGG TGCTGGTGGA GAGCATTCCC GAGGGGCTGG 280
10 AGTTTCCCAA TGCCACCACA AGCAACCCCT CCACCAGCCA GGCCTGGTTG GGCCTCCTTG CCGGTGCTCA 350
CAGCAGCCTG GACATCGCGT CCTTCTACTG GACTCTCACA AACAATGATA CCCACACGCA AGAGCCCTCT 420
15 GCCCAGCAGG GTGAAGAGGT TCTTCAGCAG CTTGAGGCTC TGGCACCTCG AGGTGTAAAG GTTCGCATCG 490
CTGTGAGCAA ACCCAACGGA CCTCTGGCTG ATCTGCAGTC TCTGCTACAG AGTGGTGCCC AGGTGCGCAT 560
GGTGGACATG CAGAAGCTGA CCCATGGTGT CCTGCACACC AAGTTCTGGG TGGTGGACCA GACCCACTTT 630
20 TACCTGGGCA GTGCCAACAT GGA CTGCGA TCGCTGACCC AGGTCAAGGA GCTGGGCGTG GTCATGTACA 700
ACTGCAGCTG CCTGGCTCGC GACCTACCA AGATTTTGA AGCCTATTGG TTCCTGGGCC AGGCAGGCAG 770
25 CTCCATCCCT TCAACCTGGC CACGGCCCTT TGACACCCGG TACAACCAAG AAACACCGAT GGAGATCTGC 840
CTCAATGGCA CCCAGCCCT GGCCTACCTG GCGAGTGAC CCGCGCCACT GTGTCCAGGT GGCCGCACCC 910
30 CAGACCTGAA GGCAGTGCTC AGCGTGGTGG ACAACGCCCG AAGCTTCATC TACATGCGAG TTATGAACTA 980
CCTGCCCACC ATGGAGTTCT CCCATCCACG CAGGTTCTGG CCAGCGATTG ATGATGGGCT AAGACGGGCT 1050
GCGTATGAAC GAGGCGTCAA AGTGCCTTTG CTCATCAGCT GCTGGGGACA CTCCGAGCCA TCCATGCGGT 1120
35 CCTTCCTGCT CTCCTGGCT GCCCTTCGTG ACAACCATAC CCACTCTGAC ATCCAGGTGA AACTGTTTGT 1190
GGTCCCTGCG GATGAGGCCC AAGCTCGAAT CCCCTATGCC CGCGTCAACC ACAACAAGTA CATGGTGA CT 1260
GAACGCACCA CATACTTGG AACCTCCAAC TGGTCTGGAA GCTACTTCAC AGAGACGGCA GGCACCTCCC 1330
40 TGCTGGTGAC ACAGAACGGG CACGGTGGCT TGCGCAGCCA GCTGGAGGCT GTTTTCCTGA GAGACTGGGA 1400
ATCCCCATAC AGCCACAACC TTGACACCTC AGCCGACAGT GTGGGCAATG CCTGCCGCCT GCTTTGA 1467
45

FIGURE 8

5 MKPKLMYQEL KVPVEEPAGE LPMNEIEAWK AAEKKARWVL LVLILAVVGF GALMTQLFLW EYGDHLHFGP 70
NQHPAPCYDP CEAVLVESIP EGLEFPNATT SNPSTSQAWL GLLAGAHSSL DIASFYWTLT NNDTHTQEPS 140
10 AQQGEEVLQQ LQALAPRGVK VRIAVSKPNG PLADLQSLQ SGAQVRMVDV QKLTHGVLHT KFWVVDQTHF 210
YLGSANMDWR SLTQVKELGV VMYNCCLAR DLTKIFEAYW FLGQAGSSIP STWPRPFDTR YNQETPMEIC 280
15 LNCTPALAYL ASAPPPLCPG GRTPLDKALL SVVDNARFI YIAVMNYLPT MEFSHPRRFW PAIDDLRRA 350
AYERGVKVR LISCWGHSEP SMRSFLLSLA ALRDNHHTSD IQVKLFVVA DEAQARIPYA RVNHNKYMVT 420
ERTTYIGTSN WSGSYFTETA GTSLLVTQNG HGGLRSQLEA VFLRDWESPY SHNLDTADS VGNACRL 488

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